

REQUEST FOR BIDS

SINGLE PHASE VACUUM RECLOSER

RFB-15-036932



**CITY OF MARIETTA
PURCHASING DEPARTMENT
205 Lawrence Street
Marietta, Georgia
30060**

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REQUEST FOR BID NO. RFB-15-036932

FOR

SINGLE PHASE VACUUM RECLOSER

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INSTRUCTIONS TO BIDDER FOR INVITATION TO BID

ARTICLE 1 TIME AND DATE DUE

The City of Marietta/Board of Lights and Water, a political subdivision of the State of Georgia (hereinafter "City of Marietta" or the "City") shall receive sealed bids from individuals, corporations, partnerships, and other legal entities organized under the laws of the State of Georgia or authorized to conduct business in the State of Georgia until 11:00 A.M., Wednesday, January 21, 2015 for the following:

SINGLE PHASE VACUUM RECLOSER

RFB-15-036932

All bid requirements shall be in accordance with Specifications, Exhibit "C" (Page S-1 – S- 3), and attached hereto.

All pricing relative to this bid document shall be completed on the Bid Pricing Form, Exhibit "D" (Page B-1) and attached hereto.

ARTICLE 2 OPENING LOCATION & TIME

This bid shall be opened at 11:00 A.M., Wednesday, January 21, 2015 at the City of Marietta, Purchasing Department, First Floor, 205 Lawrence Street, Marietta, Georgia 30060.

ARTICLE 3 DELIVERY REQUIREMENTS

Any bids received after the stated time and date shall not be considered. It shall be the sole responsibility of the bidder to have their bid delivered to the City of Marietta Purchasing Department for receipt on or before the above stated time and date. The time/date stamp clock located in the Purchasing Department shall serve as the official authority to determine lateness of any bid. If a bid is sent by the U.S. Postal Service, the bidder shall be responsible for its timely delivery to the Purchasing Department. Bids delayed by the mail shall not be opened at the public opening, and arrangements shall be made for their return at the bidder's request and expense.

ARTICLE 4 CLARIFICATION & ADDENDA

Each bidder shall examine all invitation for bid documents and shall judge all matters relating to the adequacy and accuracy of such documents. Any inquiries, suggestions, or requests concerning interpretation, clarification or additional information pertaining to the invitation to bid shall be made through Rick Churbock, CPPB, Purchasing Supervisor, 770-794-5257, with the City of Marietta, Purchasing Department. The City shall not be liable for oral interpretations given by any City employee, representative, or others. The issuance of a written addendum is the only official method whereby interpretation, clarification or additional information can be given.

If any addenda are issued to this invitation for bid, the City shall attempt to notify all prospective bidders who have secured the same, however, it shall be the responsibility of each bidder prior to submitting their bid to contact the City of Marietta, Purchasing Department at 770-794-5257 to determine if any addenda were issued and to make sure such addenda is a part of their bid. *EACH BIDDER SHALL ACKNOWLEDGE IN ITS BID ALL ADDENDA RECEIVED.*

ARTICLE 5 USE, CLARIFICATION AND RETURN OF DRAWINGS AND SPECIFICATIONS

All Drawings and Specifications for the work are the sole property of the Owner and intended solely for use in the work contemplated in such Drawings and Specifications. Except for a bidder whose bid is accepted, said Drawings and Specifications shall be returned in good condition immediately upon receipt of notification that a bid has been accepted or that no award of said bid shall be accepted.

If there are any discrepancies in, or omissions from, the Drawings or Specifications, or if the bidder is in doubt as to the true meaning of any part of the Contract Document, he shall request clarification from The Purchasing Department. Such request shall be in writing and shall be made not less than forty-eight hours prior to the time scheduled for the termination of bidding. Interpretations in response to inquiries for any bidder, clarifications or corrections issued in the form of addenda shall be mailed to each bidder. If the bidder fails to request clarification regarding methods of performing work or the material required, his bid shall be deemed to include the method requiring the greater quantity of work or material or upon the material of greatest cost indicated.

ARTICLE 6 BUSINESS LICENSE /OCCUPATIONAL LICENSE

The bidder shall provide appropriate proof of an Occupational Tax license

ARTICLE 7 SEALED & MARKED

**THREE SIGNED COPIES OF YOUR BID SHALL BE SUBMITTED
IN ONE SEALED PACKAGE, CLEARLY MARKED ON THE OUTSIDE:**

**REQUEST FOR BID
No. RFB-15-036932**

SINGLE PHASE VACUUM RECLOSER

**And addressed to: City of Marietta, Purchasing Department
 205 Lawrence Street
 Marietta, Georgia 30060
 Attention: Rick Churbock, CPPB
 Purchasing Supervisor**

ARTICLE 8 LEGAL NAME

Bids shall clearly indicate the legal name, address and telephone of the respective bidder (company, firm, partnership, individual). Bids shall be signed below the typed or printed name and title of the signer. The signer shall have the authority to bind the bidder to the submitted bid.

ARTICLE 9 BID EXPENSES

All expenses for making bids to the City are to be borne by the bidder.

ARTICLE 10 IRREVOCABLE OFFER

Any bid may be withdrawn up until the date and time set above for the opening of bid. Any bid not withdrawn shall, upon opening, constitute an irrevocable offer for a period of 60 days to sell to The City of Marietta/Board of Lights and Water the goods or services set forth in the attached specifications until one or more of the bids have been duly accepted by the City. All prices shall be quoted F.O.B. City of Marietta, Georgia.

Bid modifications shall be accepted from a bidder only if received prior to the scheduled bid opening, in writing, properly signed by the authorized representative of the bidder's (company, firm, partnership, individual). Bid modifications shall be submitted as referenced in Article No. 8 and clearly marked "BID MODIFICATIONS."

Mathematical errors shall be corrected by the City, i.e.: misplaced decimal points shall be corrected; in discrepancies between unit price vs. extended price, unit price shall govern; errors in extension of unit prices shall be corrected and mathematical errors shall be corrected.

ARTICLE 11 RESERVED RIGHTS

The City reserves the right to accept or reject any and or all bids, to waive irregularities and technicalities, award the contract in the best interest of the City of Marietta or to request re-bid. The City reserves the right to accept all or any part of the bid and to increase or decrease quantities to meet additional or reduced requirements of the City

For each item or for all items combined, the bid of the lowest, responsible and responsive bidder shall be accepted, unless all bids are rejected. The lowest responsive bidder shall mean the bidder who makes the lowest bid to sell goods and/or services of a quality which conforms closest to the quality of goods and/or services set forth in the attached specifications or otherwise required by the City, and conforms to all material aspects of the requirements set forth in the invitation for bid. To be a responsible bidder, the bidder shall be fit and capable to perform the work as required, shall have the capability in all respects to perform fully the contract requirements, and shall have the tenacity, perseverance, experience, integrity, reliability, capacity, facilities, equipment, and credit, which shall assure good faith performance. Also, the City reserves the right to make such investigations as it deems necessary to determine the ability of any bidder to deliver the goods or service requested.

Information the City deems necessary to make this determination shall be provided by the bidder. Such information may include, but shall not be limited to current financial statements; verification of availability of equipment and personnel; and past performance records.

ARTICLE 12 APPLICABLE LAWS

Bidders shall be authorized to transact business in the State of Georgia. All applicable laws and regulations of the State of Georgia and ordinances and regulations of the City of Marietta shall apply to any resulting agreement.

ARTICLE 13 CODE OF ETHICS

With respect to this bid, if any bidder violates or is a part to a violation of the State of Georgia Code of Ethics for Public Officers and Employees, such bidder may be disqualified from furnishing the goods or services for which the bid is submitted and shall be further disqualified from submitting any future bids for goods or services for the City of Marietta.

ARTICLE 14 COLLUSION

By offering a submission to this invitation for bid, the bidder certifies that the bidder has not divulged to, discussed or compared his bid with other bidders and has not colluded with any other bidder or parties to this bid whatsoever. Also, bidder certifies, and in the case of a joint bid each party thereto certifies as to his/her own organization, that in connection with this bid:

- 14.1 Any prices and/or cost data submitted have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices and or cost data, with any other bidder or with any competitor;
- 14.2 Any prices and/or cost data quoted for this bid have not been knowingly disclosed by the bidder and shall not knowingly be disclosed by the bidder prior to the scheduled opening directly or indirectly to any other bidder or to any competitor;
- 14.3 No attempt has been made or shall be made by the bidder to induce any other person or firm to submit a bid for the purpose of restricting competition;
- 14.4 The only person or persons interested in this bid, principal/principals is/are named therein and that no person other than therein mentioned has any interest in his bid or in the contract to be entered into; and
- 14.5 No person or agency has employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage, or established commercial agencies maintained by the Purchaser for the purpose of doing business.

ARTICLE 15 CONTRACT FORMS

Any agreement, contract or Purchase Order resulting from the acceptance of a bid shall be on forms provided by the City. Each bidder shall state in his bid, in words and numerical, written in ink or typed, the price for which he shall perform the work or supply the items required by the specifications, plans and contract documents. Any erasures, delineations or alterations are to be clear and initialed by the person signing.

ARTICLE 16 NOTICE OF ACCEPTANCE

Upon approval of the contract by the City/BLW, the Purchasing Agent will notify the successful bidder via issuance of a purchase order. The department for which the service and/or material is provided will then administer the performance of the contract to its completion.

ARTICLE 17 BID FORMS, VARIANCES, ALTERNATES

Bids shall be submitted on attached City forms. **BIDDERS SHALL SUBMIT SIGNED BID FORMS, ALL DOCUMENTS REQUIRING SIGNATURES AND ANY OTHER ATTACHMENTS (LICENSES, SPECIFICATIONS, ETC.) REQUIRED FOR THIS BID IN TRIPLICATE WITH ORIGINAL SIGNATURES WHERE APPLICABLE.**

Bidders shall indicate any and all variances/exceptions from the City requested specifications, terms, and conditions on sheet entitled **“EXHIBIT B”** Providing there has been no variances/exceptions or alterations attached to said bid, it shall be assumed that the bidder is meeting all requirement of the specifications. Alternate bids may or may not be considered at the sole discretion of the City.

ARTICLE 18 DISCOUNTS

Any and all discounts shall be incorporated as a reduction in the bid price and not shown separately. The price as shown on the bid shall be the price used in determining awards.

ARTICLE 19 DESCRIPTIVE INFORMATION

Unless otherwise specifically provided in the specifications, reference to any equipment, material, article or patented process, by trade name, make or catalogue number, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition. If the bidder wishes to make substitution to the specifications, bidder shall furnish to the City the name of the manufacturer, the model number, and other identifying data and information necessary to aid the City in evaluating the substitution, and such substitution shall be subject to City approval. Substitutions shall be approved only if determined by the City to be equivalent to the specifications. A bid containing a substitution is not accepted until such time as it is approved by the City.

ARTICLE 20 TAXES

The City of Marietta/Board of Lights and Water is exempt from Federal Excise and State Sale Taxes; therefore the bidder is prohibited from delineating a separate line item in his bid for any sales or service taxes. The City of Marietta/Board of Lights and Water does not intend to imply that a bidder has no independent tax liability.

ARTICLE 21 USE OF TRADE NAMES

Brand or trade names referenced in specifications are for comparison purposes only. Bidders may submit bids on items manufactured by other than the manufacturer specified. In these instances, bids shall be accompanied with all descriptive information necessary for a through evaluation of the proposed materials, equipment such as detailed drawings and specifications, certified operation and test data, and experience records, as well as an itemized list of any variance from, or exception taken to the specifications.

Failure of any bidder to furnish this data shall be cause for rejection of specified item(s) to which it pertains.

ARTICLE 22 REGULATIONS, CODES AND STANDARDS

It shall be the responsibility of each supplier to assure compliance with any and all Codes & Standards including but not limited to OSHA, EPA LIFESAFETY, ANSI ASTM, UA and/or other Federal or State of Georgia rules, regulations or other requirements, as each may apply.

When applicable, and as required under the provisions of Georgia's Right-To-Know-Law, the manufacturer, importer or distributor of a toxic substance shall provide a material safety sheet with the bid.

ARTICLE 23 AUTHORIZED PRODUCTION REPRESENTATION

The successful bidder(s) by virtue of submitting the name and specifications of a manufacturer's product shall be required to furnish the named manufacturer's product. By virtue of submission of the stated documents it shall be presumed by the City that the bidder(s) is/are legally authorized to submit, and the successful bidder(s) shall be legally bound to perform according to the documents.

ARTICLE. 24 EQUAL EMPLOYMENT OPPORTUNITY CLAUSE

The City of Marietta/Board of Lights and Water, Marietta, Georgia, in accordance with the provisions of Title VI of The Civil Rights Act of 1964 (78 Stat. 252) and the Regulations of the Department of Commerce (15 CFR, Part 8) issued pursuant to such Act, hereby notifies all bidders that it shall affirmatively ensure that in any contract entered into pursuant to this advertisement, minority business enterprises shall be afforded full opportunity to submit bids in response to this advertisement and shall not be discriminated against on the grounds of race, color, disability or national origin in consideration for an award.

ARTICLE 25 DRUG FREE WORKPLACE

The City of Marietta is a DRUG FREE WORKPLACE. It is required that the attached Drug Free Workplace Form (Exhibit B) be signed and returned to this office with the proposal. In the event of a tie proposal, receipt of a valid and accurate form may be used as basis for awarding the contract.

EXHIBIT A

Drug Free Work Place Certification

Identical Tie Bids - Preference shall be given to businesses with drug-free workplace program. Whenever two or more bids which equal with respect to price, quality and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that has implemented a drug-free work place program shall be given preference in the award process. Established procedures processing tie bids shall be followed if none of the tied vendors have drug-free workplace program. In order to have a drug-free workplace, a business shall:

- 1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of controlled substances is prohibited in the workplace and specifying the actions that shall be taken against employees for violation of such prohibition.**
- 2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.**
- 3) Give each employee engaged in providing the commodities of contractual services that are under bid a copy of the statement specified in the subsection (1).**
- 4) In the statement specified in subsection (1), notify the employee that, as a condition of working on the commodities or contractual services that under bid, the employee shall abide by the terms of the statement and shall notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later that five (5) days after such conviction.**
- 5) Impose a sanction on, or require that satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.**
- 6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.**

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

COMPANY NAME

AUTHORIZED SIGNATURE

EXHIBIT B

ALTERATIONS /EXCEPTIONS

SPECIAL INSTRUCTIONS: ALL ITEMS SHALL BE TYPED OR PRINTED



EXHIBIT C

BID FORM

CITY OF MARIETTA/BOARD OF LIGHTS AND WATER BID NO. RFB-15-036932

SPECIFICATIONS FOR: SINGLE PHASE VACUUM RECLOSER

SCOPE

This specification covers the requirements for an electronically controlled, solid dielectric vacuum, automatic recloser with trip/close capabilities for use on single phase distribution systems through 25 kV. Recloser configuration shall be specified as:

- a. Pole mount, horizontal
- b. Pole mount, vertical

DESIGN RATINGS AND STANDARDS

Reclosers shall be designed, tested and built per ANSI C37.60 latest version. Certified test reports shall be provided. Each individual recloser shall undergo a mechanical operation check verifying contact trip/close velocity, travel profile, timing and phase synchronicity. The recloser shall be AC hi-pot tested one minute phase-to-ground and across the open contacts. Circuit resistance shall be checked. Timing tests shall be conducted to verify TCC performance.

The recloser shall be rated as follows:

- | | |
|---------------------------------|--------|
| a. Voltage, kV | 15 |
| b. BIL, kV | 110 |
| c. Continuous Current, A | 630 |
| d. 8 Hr. Overload, @20°C | 940 |
| e. Interrupting Rating, RMS, kA | 12.5 |
| f. Making Current | |
| o RMS, asym, Ka | 20 |
| o Peak, asym, kA | 32 |
| g. Short Circuit Current | |
| kA sym, 3 sec. | 12.5 |
| h. 60Hz Withstand, kV rms | |
| o Dry | 60 |
| o Wet | 50 |
| i. Arc-Extinction Medium | Vacuum |
| j. Mechanical Operations | 10k |

RECLOSER CONSTRUCTION

Mechanism Enclosure:

The magnetic actuator and corresponding linkage assembly shall be housed within a high impact, UV stable, air insulated, poly-carbonate enclosure. A contact position indicator and air vent shall be provided.

Operating Mechanism:

The operating mechanism shall utilize a magnetic actuator for opening and closing of the vacuum interrupter. The manual open and lockout handle shall be made of stainless steel for maximum corrosion resistance. The operating temperature range shall be -40°C to +65°C. Vacuum interrupter contact position indication shall be accomplished using green (open) and red (closed) indicators located on the bottom of the mechanism enclosure.

Vacuum Interrupters:

Interruption of the fault or load current shall be accomplished through vacuum interrupters located inside the solid dielectric modules.

Solid Dielectric Modules:

The solid dielectric modules shall utilize EPOX solid dielectric insulation to fully encapsulate the vacuum interrupters. The solid dielectric modules shall be fully shielded and incorporate a high impact poly-carbonate, track resistant, UV stable covering. A dual ratio, 500:1 and 1000:1, current transformer and voltage sensor shall be integrally molded within the module. Module shall be molded with one (1) source side and one (1) load side.

Bushings:

Cable bushings shall be air insulated, removable silicone bushings.

Mounting:

Lifting eyes shall be provided. Mounting provisions shall be supplied as follows:

- a. Aluminum horizontal pole mounting bracket with arrester provisions on the load and source side.
- b. Aluminum vertical pole mount bracket with arrester provisions on the load and source side.

Standard Components:

The following shall be included as standard:

- a. Lifting provisions
- b. Grounding provisions
- c. Manual open and lockout handle
- d. Solid dielectric EPOX modules with internal voltage sensors and dual ratio CT's
- e. Arrester mounting provisions
- f. Field changeable silicone bushings
- g. 4/0 brass eyebolt style ground lug
- h. External 1 KVA transformer for 120 VAC supply power
- i. High impact, UV stable wild life protectors for source and load bushings.

ELECTRONIC CONTROLS

The recloser shall be controllable by a Schweitzer model SEL-351RS and SEL-351R electronic control and associated control cable.

RECLOSER OPERATION

Monitoring of the circuit shall be accomplished using internal multi-ratio current transformer and voltage sensor. The unit shall be powered by an external 120 VAC source. In the event AC power is lost, the unit shall have trip/close operating capabilities through the batteries located in the control. Recloser sequencing, tripping and overcurrent sensing, shall be an automatic function of the electronic control. Manual open and lockout shall be provided by an external, hookstick operable handle. Operation of the manual open handle shall disable any local or remote closing operation until the handle is reset.

RECLOSER PERFORMANCE REQUIREMENTS

Minimum mechanical life of 10,000 open and close operations without any maintenance. The vacuum interrupter contacts shall be rated for a minimum of 2 duty cycles. The recloser shall be provided with a manual tripping lever that requires no external power for operation.

WARRANTY

The recloser control shall have a minimum 10-year warranty.

DEVIATION FROM SPECIFICATION

Manufacturers quoting recloser controls to this specification shall indicate any areas where deviations are required by their design and shall include sufficient information to permit full evaluation of same. This data shall be sent in letterform to Manager, Electrical Engineering, Marietta Power, 675 North Marietta Parkway, Marietta, Georgia 30060-1528.

SPECIFICATION CHANGES

- a. Marietta Power reserves the right to change or modify its specifications at any time through addendum, letter or reissue.
- b. Marietta Power also reserves the right to specify, for individual orders, variations from its specifications to meet special needs of its customers.



EXHIBIT D

CITY OF MARIETTA/BOARD OF LIGHTS AND WATER

BID FORM FOR A

SINGLE PHASE VACUUM RECLOSER

BID NO. RFB-15-036932

ITEM NO.	QUANTITY	UNIT MEASURE	DESCRIPTION	DAYS TO DELIVER	TOTAL PRICE
1.	15	Each	<u>SINGLE PHASE VACUUM RECLOSER</u> PER THE ATTACHED SPECIFICATIONS	_____	\$ _____

Bid submitted by:

Company Name: _____

Address: _____

City, State, and Zip: _____

Authorized Signature: _____

Print Name: _____

Telephone: _____ Fax: _____

Date: _____